W R GRACE & CO Form 4 May 12, 2014

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES

obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person * Dockman William C.

(First)

(Street)

(Middle)

2. Issuer Name and Ticker or Trading Symbol

W R GRACE & CO [GRA]

3. Date of Earliest Transaction (Month/Day/Year)

05/08/2014

C/O W. R. GRACE & CO., 7500 **GRACE DRIVE**

> 4. If Amendment, Date Original Filed(Month/Day/Year)

Director 10% Owner

Issuer

X_ Officer (give title Other (specify below) VP and Controller

5. Relationship of Reporting Person(s) to

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

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response...

Estimated average

burden hours per

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting Person

COLUMBIA, MD 21044

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Indirect Beneficial (Instr. 3, 4 and 5) Ownership (Month/Day/Year) (Instr. 8) Owned (I) Following (Instr. 4) (Instr. 4) Reported

(A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number 6. Date Exercisable and 7. Title and Amount of 8 Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date **Underlying Securities** Code Security or Exercise any Securities (Month/Day/Year) (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (rights to buy)	\$ 92.77	05/08/2014(1)		A		4,743		<u>(2)</u>	05/08/2019	Common Stock	4,743

Reporting Owners

Reporting Owner Name / Address	Relationships

Director 10% Owner Officer Other

Dockman William C. C/O W. R. GRACE & CO. 7500 GRACE DRIVE COLUMBIA, MD 21044

VP and Controller

Signatures

/s/ Michael W. Conron, Attorney-in-Fact 05/12/2014

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Granted at a regularly scheduled Compensation Committee meeting on May 8, 2014.
- (2) Options become exercisable in three substantially equal annual installments beginning on May 8,2015; May 6, 2016; and May 8, 2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2